

Comprehensive Assignment

For this course you will complete a comprehensive assignment that will bring together all of your learning – addressing standards, technology, academic vocabulary, differentiation, assessment, and more. You will work on a portion of this each week throughout the course. This will be a working document throughout the course and a cumulative version should be turned in as new information is added to the file through a shared Google Doc.

To get started:

- Determine a central topic that you'd like to explore based upon the grade level and content that your mentor will be using while in your practicum placement
- Select the chapter that aligns with your central topic from your Van de Walle text (from chapters 8-17; 19-21)

Assignment 1 – Central Focus Concept Outline

Selection & Unpacking of Standard

- Use the TN Math Standards packet provided to you to list the standard(s) for your central focus
- Complete a detailed outline for your topic using the corresponding Van de Walle textbook chapter as a guide. Begin with reading the textbook chapter noting relevant content needed to effectively teach your concept. Notice links to other topics as they come up (i.e., counting money – decimals, percentages). Your outline should be comprehensive. Use the following 3 sources in addition to the Van de Walle text
 - Common Core Flipbook (scroll down page to find your grade level)
<http://www.katm.org/baker/pages/common-core-resources.php>
 - The Common Core Mathematics Companion: The Standards Decoded (K-2 or 3-5 version) – Use copy available in classroom
 - Article from NCTM's *Teaching Children Mathematics*
- Include the following information in your outline:
 1. Concepts and specific ideas related to the topic
 2. Connections to other mathematics content
 3. Possible misconceptions students may have or difficulties students may have with learning the concepts and how to address them
 4. Suggestions for teaching the concepts
 5. A suggested list of hands-on resources to use with the unit & how to use them

List resources and references used using APA format.